

AMENDMENTS TO THE CLAIMS

Kindly amend the claims, without prejudice, without admission, without surrender of subject matter, and without any intention of creating any estoppel as to equivalents, as follows.

Listing of the claims:

1. (Currently Amended) A pyrotechnical firing installation for use in a firing program, the firing installation comprising

a plurality of detonators (3, 4), each detonator provided with an electrical cable (5, 6) comprising an end connector (7, 8) at the end of a terminal or end part (5a, 6a) of the electrical cable (5, 6) and at least two connection conductors, and

a surface line to which the electrical cable of each detonator is connected via the electrical cable's end connector,

wherein the surface line is at least partially formed by successive sections of the electrical cables of the plurality of detonators, every section comprising the terminal or end part (5a, 6a) of one of the electrical cables (5, 6) coming from one of the plurality of detonators (3, 4) and the end connector (7, 8) of the electrical cable, at least a part of the end connector penetrating into the inside of the cable ensuring electrical connection of the respective connection conductors of the successive sections of the electrical cables thereby in order to electrically connect the terminal or end part (5a, 6a) of one electrical cable to the electrical cable of the next detonator thereby [,,] ~~to define~~ defining the origin of the next detonator's terminal or end part anywhere on the electrical cable of the next detonator.

2. (Currently Amended) An end connector for use in the pyrotechnical firing installation according to claim 1, wherein the connector comprises:

a first part (20) solid with the end of an electrical cable which electrical cable comes from a detonator, the first part (20) provided laterally with connection pins (21, 22, 23) to penetrate, in use, into the inside of an electrical cable coming from another detonator thereby to electrically connect to respective conductors of the electrical cable, and on an opposite side to the pins a pushing wall (29), and a second part (36) comprising a slide (37) and a stop wall (43), into which the first part (20) is mounted movable in relation to the stop wall (43) which faces the connection pins (21, 22, 23), the wall (43) and the slide (37) defining a seat suitable for receiving an electrical cable (5, 6) oriented transversely to the electrical cable equipped with the connector.

3. (Currently Amended) An end connector according to claim 2, characterised in that the slide (37) comprises lateral walls (38, 39, 40), perpendicular to the stop wall (43), of which at least one of the lateral walls (40) comprises on its outside a holding means (47) to hold ~~of~~ the first part (20), which first part is provided with a flexible locking tab (30) approximately perpendicular to the pushing ~~surface~~ wall (29).
4. (Currently Amended) An end connector according to ~~any one of the claim[s]] 2 and 3,~~ characterised in that the profile of the section of the electrical cable (5, 6) corresponds ~~with regard to shape~~ to the profile of the seat of the second part (36) of the connector in order for the seat to receive the electrical cable.
5. (Currently Amended) An end connector according to claim 4, characterised in that the electrical cable (5, 6) has a flat part (48) and in that the seat has a corresponding flat surface through which ~~passed through by~~ the connection pins (21, 22, 23) of the first part (20) of the connector pass.
6. (Currently Amended) An end connector according to claim 5, characterised in that the stop wall (43) is provided, opposite the slide (36), with a lateral wedging bead (46) to wedge ~~for~~ the electrical cable received in the seat.

7. (Previously Presented) A detonator comprising an electrical cable, a free end of which is provided with an end connector according to any one of claims 2 to 6.